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*Wavelength approximately 12 1/2"*

26 July 1957

MEMORANDUM FOR:

FROM :

SUBJECT : Evaluation of Air Force "Cold Light" Viewing Table

1. This evaluation of the Air Force "cold light" viewing table is based upon comments received from personnel who have used the tables frequently for approximately nine months.

2. In general the tables are considered to be of very good quality and the best ones presently available. The following comments note minor conditions which suggest possible improvements regarding the manufacture of new models of the table:

(1) Rollers tend to mar easily; if marred seriously enough this will cause damage to the film emulsion.

(2) Rollers tend to bind after a period of use. This fault exists in all types of available tables. The solution might involve the use of some type of a lubricating system and a lubricant such as graphite.

(3) The attached cord should be lengthened by 3 to 5 feet.

(4) A system providing for variation in illumination is highly desirable.

(5) The sub-surface frosting should be of extremely fine grain.

(6) Adjustable legs or an accompanying stand which would permit tilting of the table is desirable.

(7) A switch container of more durable construction than bakelite is desirable. Several of these switches were damaged on arrival.

3. The table has been found to provide the following highly desirable features:

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(1) Versatility in the accommodation of varying sizes of spools is excellent. A slight modification of the large brackets permits use of spools up to 11 inches in diameter.

(2) Distribution of light is constant over the entire viewing area.

(3) The instrument is sturdily built and not easily damaged.